

120203  
19281 U.S. PTO

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Patent, Trademark and Copyright Causes  
Unfair Competition, Trade Secrets,  
Licensing and Litigation

++ Of Counsel

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before Federal Courts and Agencies; not  
Admitted in DC

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**FORM PTO-1082**

**TRANSMITTAL FOR NEW U.S. PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New U.S. Patent Application  
For: BALL GRID ARRAY PACKAGE WITH HEAT SINK DEVICE  
Inventor(s): Chung-Ju WU et al.  
Attorney Docket: 82547

Sir:

Attached hereto is the application identified above, including:

25 Pages Application Consisting of:  
14 Pages of Textual Specification  
6 Pages of 20 Claims  
1 Abstract of the Disclosure  
4 Sheets of drawings.

☒ Executed Inventor's Declaration

The Government filing fee\* is calculated as follows:

Total Claims . . . . .	<u>20</u> - <u>20</u> = <u>.0</u> .x. \$18.00 = \$ <u>.00</u>
Independent Claims . . . . .	<u>3</u> - <u>3</u> = <u>0</u> x \$86.00 = \$ <u>0.00</u>
Base Fee . . . . .	\$ <u>770.00</u>
Multiple Dependent Claim Fee (\$290.00) . . . . .	\$ <u>0.00</u>
Subtotal . . . . .	\$ <u>770.00</u>

**TOTAL FILING FEE\***

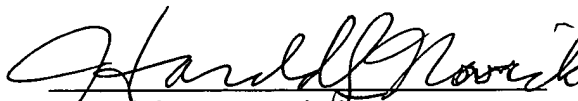
(accounting for possible small entity status) . . . \$ 770.00

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- ☐ Preliminary Amendment reducing filing fees is submitted herewith
- ☐ \*Reduced by one-half, as applicant(s) is/are a "small entity".  
A Declaration Claiming Small Entity Status:
- ☐ Foreign priority is claimed under 35 U.S.C. § 119 from \_\_\_\_\_  
Patent Application(s) No. \_\_\_\_\_ dated \_\_\_\_\_.
- ☐ Priority document(s) will be submitted at a later date.
- ☐ A copy of the Priority document(s) is/are submitted herewith.
- ☐ Executed Declaration(s) will be submitted at a later date pursuant to 37 CFR § 1.41 and § 1.53, with an appropriate surcharge under 37 CFR § 1.16(e).
- ☒ Formal drawing(s) is/are attached.
- ☐ Formal drawing(s) will be submitted at a later date.
- ☒ Assignment document(s) is/are submitted herewith; the recordation fee of \$40.00 per document is enclosed herewith.
- ☐ A Verified Translation will be submitted at a later date.
- ☐ No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.
- ☒ Submitted herewith is a check in the amount of \$ 770.00. The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC



Harold L. Novick  
Registration No. 26,011

Date : December 2, 2003 Customer No. 20,529

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Chung-Ju WU et al.

Serial No. Not Yet Assigned

Filed: December 2, 2003

For: **BALL GRID ARRAY PACKAGE WITH HEAT SINK DEVICE**

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal For New U.S. Patent Application  
PTO form 1082-  
25 Pages Application Consisting of:  
14 Pages of Textual Specification  
6 Pages of 20 Claims  
1 Abstract of the Disclosure  
4 Sheets of drawings.
- (3) Executed Inventor's Declaration;
- (4) Assignment and Cover Sheet;
- (5) Check No. 19880 in the Amount of \$770.00;
- (6) Check No. 19881 in the Amount of \$ 40.00; and
- (7) Early Notification Serial Number Postcard.

Please charge any required fee, or credit any overpayment, in connection with this matter to Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC



Harold L. Novick  
Registration No. 26,011  
Customer No. 20529

Date: December 2, 2003

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